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(h) *Refinery grouping for determining compliance.* (1) Any refiner that operates more than one refinery may:

(i) Elect to achieve compliance individually for the refineries; or

(ii) Elect to achieve compliance on an aggregate basis for a group, or for groups, of refineries, some of which may be individual refineries; provided that

(iii) Compliance is achieved for each refinery separately or as part of a group; and

(iv) The data for any refinery is included only in one compliance calculation.

(2) Any election by a refiner to group refineries under paragraph (h)(1) of this section shall:

(i) Be made as part of the report for the 1995 averaging period required by § 80.105;

(ii) Apply for the 1995 averaging period and for each subsequent averaging period, and may not thereafter be changed; and

(iii) Apply for purposes of the blendstock tracking and accounting provisions under § 80.102.

(3)(i) Any standards under this section shall apply, and compliance calculations shall be made, separately for each refinery or refinery group; except that

(ii) Any refiner that produces conventional gasoline for distribution to a specified geographic area which is the subject of a petition approved by EPA pursuant to § 80.91(f)(3) shall achieve compliance separately for gasoline supplied to such specified geographic area.

(i) *Sampling and testing.* (1) Any refiner or importer shall for each batch of conventional gasoline, and other products if included in paragraph (d) of this section:

(i)(A) Determine the value of each of the properties required for determining compliance with the standards that are applicable to the refiner or importer, by collecting and analyzing a representative sample of gasoline or blendstock taken from the batch, using the methodologies specified in § 80.46; except that

(B) Any refiner that produces gasoline by combining blendstock with gasoline that has been included in the compliance calculations of another re-

finer or of an importer may for such gasoline meet this sampling and testing requirement by collecting and analyzing a representative sample of the blendstock used subsequent to each receipt of such blendstock if the compliance calculation method specified in paragraph (g)(3) of this section is used.

(ii) Assign a number to the batch (the "batch number"), as specified in § 80.65(d)(3);

(2) For the purposes of meeting the sampling and testing requirements under paragraph (i)(1) of this section, any refiner or importer may, prior to analysis, combine samples of gasoline collected from more than one batch of gasoline or blendstock ("composite sample"), and treat such composite sample as one batch of gasoline or blendstock provided that the refiner or importer:

(i) Meets each of the requirements specified in § 80.91(d)(4)(iii) for the samples contained in the composite sample;

(ii) Combines samples of gasoline that are produced or imported over a period no longer than one month;

(iii) Uses the total of the volumes of the batches of gasoline that comprise the composite sample, and the results of the analyses of the composite sample, for purposes of compliance calculations under paragraph (g) of this section; and

(iv) Does not combine summer and winter gasoline, as specified under paragraphs (g) (5) and (6) of this section, in a composite sample.

(j) *Evasion of standards through exporting and importing gasoline.* Notwithstanding the requirements of this section, no refiner or importer shall export gasoline and import the same or other gasoline for the purpose of evading a more stringent baseline requirement.

[59 FR 7860, Feb. 16, 1994, as amended at 59 FR 36968, July 20, 1994; 60 FR 40008, Aug. 4, 1995; 62 FR 9884, Mar. 4, 1997; 62 FR 68207, Dec. 31, 1997; 64 FR 30910, June 9, 1999; 64 FR 37689, July 13, 1999]

§ 80.102 Controls applicable to blendstocks.

(a) For the purposes of this subpart E:

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(1) All of the following petroleum products that are produced by a refiner or imported by an importer shall be considered "applicable blendstocks":

- (i) Reformate;
- (ii) Light coker naphtha;
- (iii) FCC naphtha;
- (iv) Benzene/toluene/xylene;
- (v) Pyrolysis gas;
- (vi) Aromatics;
- (vii) Polygasoline; and
- (viii) Dimate; and

(2) Any gasoline blendstock with properties such that, if oxygenate only is added to the blendstock the resulting blend meets the definition of gasoline under §80.2(c), shall be considered gasoline.

(b)(1) Any refiner or importer of conventional gasoline or blendstocks shall determine the baseline blendstock-to-gasoline ratio for each calendar year 1990 through 1993 according to the following formula:

$$BG_{by} = \frac{V_{bs}}{V_g}$$

where:

BG_{by} = Blendstock-to-gasoline ratio for base year

V_{bs} = Volume of applicable blendstock produced or imported and transferred to others during the calendar year, and used to produce gasoline

V_g = Volume of gasoline produced or imported during the calendar year

(2)(i) Only those volumes of applicable blendstocks for which the refiner is able to demonstrate the blendstock was used in the production of gasoline may be included in baseline blendstock-to-gasoline ratios under paragraph (b)(1) of this section.

(ii) The baseline volume data for applicable blendstocks and gasoline shall be confirmed through the baseline audit requirements specified in §80.92 and submitted in accordance with the requirements of §80.93.

(c) Any refiner or importer shall calculate the baseline cumulative blendstock-to-gasoline ratio according to the following formula:

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$$BGC_{base} = \frac{\sum_{i=1}^n V_{bs,i}}{\sum_{i=1}^n V_{g,i}}$$

where:

BGC_{base} = Baseline cumulative blendstock-to-gasoline ratio

$V_{bs,i}$ = Volume of applicable blendstock produced or imported and transferred to others during calendar year i

$V_{g,i}$ = Volume of gasoline produced or imported during calendar year i

i = each year, 1990 through 1993, for which a blendstock-to-gasoline ratio is calculated under paragraph (b) of this section

(d)(1) For each averaging period, any refiner or importer shall:

(i) Determine the averaging period blendstock-to-gasoline ratio according to the following formula:

$$BG_a = \frac{V_{bs}}{V_g}$$

where:

BG_a = Blendstock-to-gasoline ratio for the current averaging period

V_{bs} = Volume of applicable blendstock produced or imported and subsequently transferred to others during the averaging period

V_g = Volume of conventional gasoline, reformulated gasoline and RBOB produced or imported during the averaging period, excluding California gasoline as defined in §80.81(a)(2)

(ii) For each averaging period until January 1, 1998, calculate the peak year blendstock-to-gasoline ratio percentage change according to the following formula:

$$PC_p = \left(\frac{BG_a - BG_p}{BG_p} \right) \times 100$$

where:

PC_p = Peak year blendstock-to-gasoline ratio percentage change

BG_a = Blendstock-to-gasoline ratio for the averaging period calculated under paragraph (d)(1)(i) of this section

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BG_p = Largest one year blendstock-to-gasoline ratio calculated under paragraph (b) of this section

(2) Beginning on January 1, 1998, for each averaging period any refiner or importer shall:

(i) Determine the running cumulative compliance period blendstock-to-gasoline ratio according to the following formula:

$$BGC_{comp} = \frac{\sum_{i=1}^n V_{bs,i}}{\sum_{i=1}^n V_{g,i}}$$

where:

BGC_{comp} = Running cumulative compliance period blendstock-to-gasoline ratio

V_{bs,i} = Volume of applicable blendstock produced or imported and transferred to others during averaging period i

V_{g,i} = Volume of conventional gasoline, reformulated gasoline and RBOB produced or imported during averaging period i, excluding California gasoline as defined in § 80.81(a)(2)

i = The current averaging period, and each of the three immediately preceding averaging periods

(ii) Calculate the cumulative blendstock-to-gasoline ratio percentage change according to the following formula:

$$PC_c = \left(\frac{BGC_{comp} - BGC_{base}}{BGC_{base}} \right) \times 100$$

where:

PC_c = Cumulative blendstock-to-gasoline ratio percentage change

BGC_{comp} = Running cumulative compliance period blendstock-to-gasoline ratio as determined in paragraph (d)(2)(i) of this section

BGC_{base} = Baseline cumulative blendstock-to-gasoline ratio calculated under paragraph (c) of this section

(3) For purposes of this paragraph (d), all applicable blendstocks produced or imported shall be included, except those for which the refiner or importer has sufficient evidence in the form of documentation that the blendstocks were:

(i) Exported;

(ii) Used for other than gasoline blending purposes;

(iii) Transferred to a refiner that used the blendstock as a "feedstock" in a refining process during which the blendstock underwent a substantial chemical or physical transformation; or

(iv) Transferred between refineries which have been grouped pursuant to § 80.101(h) by a refiner for the purpose of determining compliance under this subpart; or

(v) Used to produce California gasoline as defined in § 80.81(a)(2).

(e)(1) Any refiner or importer shall have exceeded the blendstock-to-gasoline ratio percentage change threshold if:

(i) The peak year blendstock-to-gasoline ratio percentage change calculated under paragraph (d)(1)(ii) of this section is more than ten; or

(ii) Beginning on January 1, 1998, the cumulative blendstock-to-gasoline ratio percentage change calculated under paragraph (d)(2)(ii) of this section is more than ten.

(2) Any refiner or importer that exceeds the blendstock-to-gasoline ratio percentage change threshold shall, without further notification:

(i) Include all blendstocks produced or imported and transferred to others in its compliance calculations under § 80.101(g) for two averaging periods beginning on January 1 of the averaging period subsequent to the averaging period when the exceedance occurs;

(ii) Provide transfer documents to the recipient of such blendstock that contain the language specified at § 80.106(b); and

(iii) Transfer such blendstock in a manner such that the ultimate blender of such blendstocks has a reasonable basis to know that such blendstock has been accounted for.

(3) Any refiner or importer that has previously exceeded the blendstock-to-gasoline ratio percentage change threshold, and subsequently exceeds the threshold for an averaging period and is not granted a waiver pursuant to paragraph (f)(2)(i) of this section, shall, without further notification, meet the requirements specified in paragraphs (e)(2) (i) through (iii) of this section for four averaging periods, beginning on

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January 1 of the averaging period following the averaging period when the subsequent exceedance occurs.

(f)(1) The refiner or importer blendstock accounting requirements specified under paragraph (e) of this section shall not apply in the case of any refiner or importer:

(i) Whose 1990 baseline value for each regulated fuel property and emission performance, as determined in accordance with §§ 80.91 and 80.92, is less stringent than the anti-dumping statutory baseline value for that parameter or emissions performance;

(ii) Whose averaging period blendstock-to-gasoline ratio, calculated according to paragraph (d)(1)(i) of this section, is equal to or less than .0300; or

(iii) Who obtains a waiver from EPA, provided that a petition for such a waiver is filed no later than fifteen days following the end of the averaging period for which the blendstock-to-gasoline ratio percentage change threshold is exceeded.

(2)(i) EPA may grant the waiver referred to in paragraph (f)(1)(iii) of this section if the level of blendstock production was the result of extreme or unusual circumstances (e.g., a natural disaster or act of God) which clearly are outside the control of the refiner or importer, and which could not have been avoided by the exercise of prudence, diligence, and due care.

(ii) Any petition filed under paragraph (f) of this section shall include information which describes the extreme or unusual circumstance which caused the increased volume of blendstock produced or imported, the steps taken to avoid the circumstance, and the steps taken to remedy or mitigate the effect of the circumstance.

(g) Notwithstanding the requirements of paragraphs (a) through (f) of this section, any refiner or importer that transfers applicable blendstock to another refiner or importer with a less stringent baseline requirement, either directly or indirectly, for the purpose of evading a more stringent baseline requirement, shall include such blendstock(s) in determining compli-

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ance with the applicable requirements of this subpart.

[59 FR 7860, Feb. 16, 1994, as amended at 59 FR 36969, July 20, 1994]

§ 80.103 Registration of refiners and importers.

Any refiner or importer of conventional gasoline must register with the Administrator in accordance with the provisions specified at § 80.76.

§ 80.104 Recordkeeping requirements.

Any refiner or importer shall maintain records containing the information as required by this section.

(a) Beginning in 1995, for each averaging period:

(1) Documents containing the information specified in paragraph (a)(2) of this section shall be obtained for:

(i) Each batch of conventional gasoline, and blendstock if blendstock accounting is required under § 80.102(e)(2); or

(ii) Each batch of blendstock received in the case of any refiner that determines compliance on the basis of blendstocks properties under § 80.101(g)(3).

(2)(i) The results of tests performed in accordance with § 80.101(i);

(ii) The volume of the batch;

(iii) The batch number;

(iv) The date of production, importation or receipt;

(v) The designation regarding whether the batch is summer or winter gasoline;

(vi) The product transfer documents for any conventional gasoline produced or imported;

(vii) The product transfer documents for any conventional gasoline received;

(viii) For any gasoline blendstocks received by or transferred from a refiner or importer, documents that reflect:

(A) The identification of the product;

(B) The date the product was transferred; and

(C) The volume of product;

(ix) In the case of any refinery-produced or imported products listed in § 80.102(a) that are excluded under § 80.102(d)(3), documents which demonstrate that basis for exclusion; and